**II. CLAIM AMENDMENTS**

1. (Currently Amended) A method for setting audio parameters controlling processing in a digital signal processor ~~(4) in an electronic device (1)~~of a mobile communication device comprising ~~at least one auxiliary device connection (10) for~~ the steps of:

connecting at least one auxiliary device, having audio parameters, to the mobile communication device ~~(11)~~, ~~wherein at least some of the audio parameters are loaded~~

loading at least some of the audio parameters from the auxiliary device into the digital signal processor ~~(4)~~ during operation of the ~~electronic device (1)~~mobile communication device ~~from the auxiliary device (11),~~;

~~said auxiliary device (11)~~ conducting two way communication of digital data between the auxiliary device and ~~with~~ said ~~electronic device (1)~~mobile communication device~~,~~ ~~further comprising~~by means of operating a microcontroller in said auxiliary device to conduct said two way communication.

2. (Original) The method according to claim 1, wherein the audio parameters are loaded from the auxiliary device (11) via the auxiliary device connection (10).

3. (Original) The method according to claim 1, wherein the audio parameters are loaded at the stage when the auxiliary device (11) is connected to or detached from the

electronic device (1) or when the auxiliary device changes its audio mode.

4. (Original) The method according to claim 3, wherein the electronic device (1) comprises further a detection line (23) and a connection bus (12), and that the connection of the auxiliary device (11) is detected on the basis of a change in the voltage of the detection line (23) or on the basis of messages transferred via the connection bus (12) between the electronic device (1) and the auxiliary device (11).

5. (Currently Amended) ~~An electronic device (1)~~A mobile communication device comprising:

a digital signal processor ~~(4)~~ for processing audio signals;

means ~~(22)~~ for storing audio parameters controlling the processing of audio signals in the digital signal processor ~~(4)~~, and

an auxiliary device connection ~~(10)~~ for connecting an auxiliary device ~~(11)~~having audio parameters with the ~~electronic device (1),~~mobile communication device;

a microcontroller in said auxiliary device; and

wherein the ~~electronic device (1)~~mobile communication device further comprises communication means for communicating with said microcontroller for loading

the audio parameters from the auxiliary device into the means ~~(22)~~ for storing the audio parameters ~~from the auxiliary device (11)~~, ~~and for~~ said communicating being conducted by ~~conducting~~ two way communication of digital data ~~with~~ between said microcontroller of the auxiliary device ~~(11),~~ and said mobile communication device. ~~wherein said communication means communicates with a microcontroller in said auxiliary device.~~

6. (Original) The device according to claim 5, further comprising a detection line (23) and a connection bus (12) and means (2, 24) for detecting the connection of the auxiliary device (11) into the auxiliary device connection (10) either on the basis of a change in the voltage of the detection line (23) or on the basis of the messages transferred via a detection bus (12) between the electronic device (1) and the auxiliary device (11).

7. (Original) The device according to claim 5, further comprising a transmitter/receiver unit (6) of a mobile station.

8. (Original) The device (1) according to claim 5, wherein the device is a mobile station.

9. (Original) The device according to claim 8, wherein the auxiliary device (11) comprises an auxiliary loudspeaker (26) and an auxiliary microphone (27).

10. (Original) The method according to claim 1, wherein said audio parameters are other than data used to recognize the type of auxiliary device.

11. (Original) The method according to claim 1, wherein all of said audio parameters are loaded into the digital signal processor from the auxiliary device.

12. (Original) The device according to claim 5, wherein said audio parameters are other than data used to recognize the type of auxiliary device.

13. (Original) The device according to claim 5, wherein all of said audio parameters are loaded into the digital signal processor from the auxiliary device.

14.-30. (Cancelled)

31. (New) Auxiliary device for connection to a mobile communication device comprising:

a microcontroller;

a memory, operatively associated with the microcontroller, for storing audio parameters associated with the operation of the auxiliary device for controlling the processing of audio signals in a digital signal processor of the mobile communication device;

a connection for connecting the auxiliary device with the mobile communication device; and

means within said microcontroller for sending the audio parameters from the auxiliary device to the mobile communication device by two way communication of digital data with the mobile communication device,

32.(New) Program product for storing a software program comprising machine executable code for setting audio parameters of an auxiliary device for a mobile communication device in a digital signal processor of a the mobile communication device comprising;

establishing a connection between a microcontroller of the auxiliary device and the digital signal processor for two way communication;

querying the microcontroller for audio parameters stored therein; and

setting audio parameters of the digital signal processor by loading at least some of the audio parameters from the auxiliary device into the digital signal processor during operation of the mobile communication device.